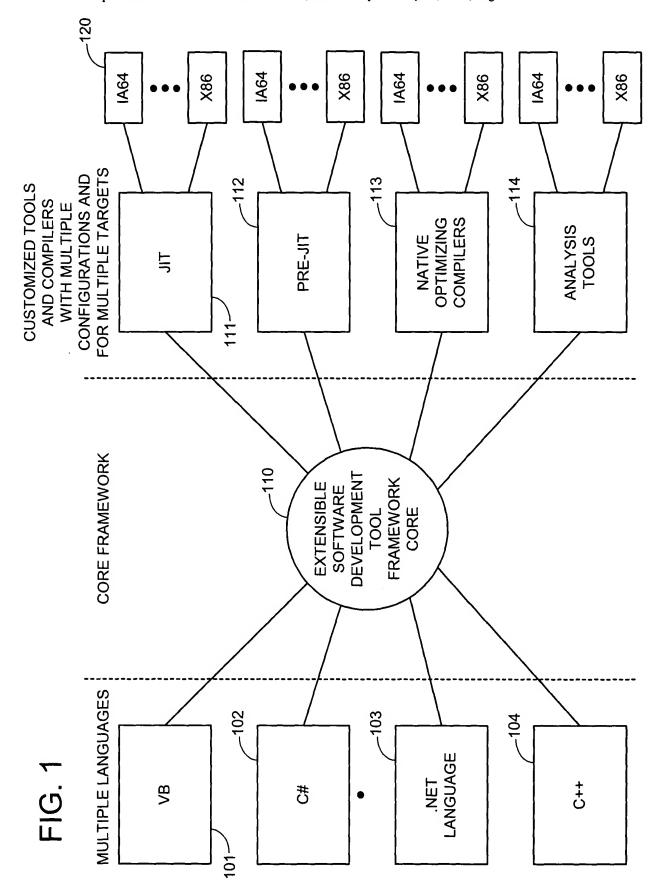
Gregory L. Maurer, Klarquist Sparkman, LLP, 121 SW Salmon St., Suite 1600, Portland, Oregon 97204, (503) 226-7391; Inventor: Burger et al.; Title: DESCRIPTION LANGUAGE FOR AN EXTENSIBLE COMPILER AND TOOLS INFRASTRUCTURE; Attorney Docket No.: 3382-65690; Express Mail Label No. EV339203841US; Date of Deposit: July 23, 2003; Page 1 of 14



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-202

203Aپ

~203B

~203C

FIG. 2A

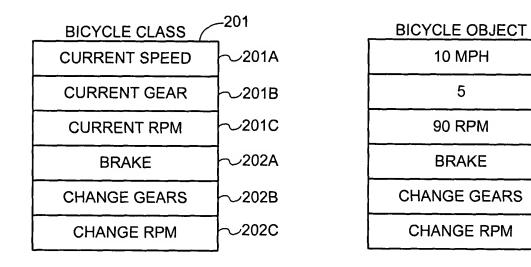


FIG. 2B

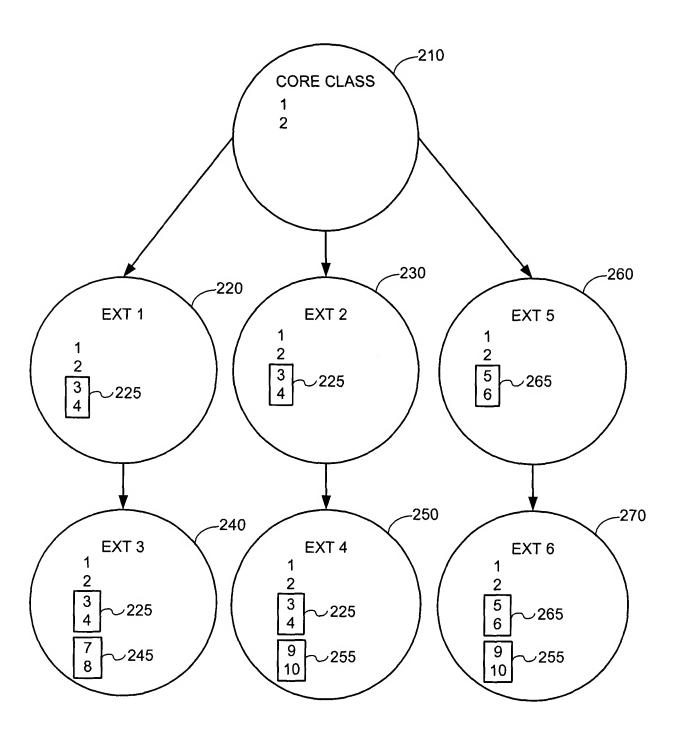


FIG. 3A

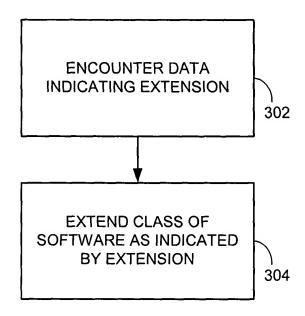


FIG. 3B

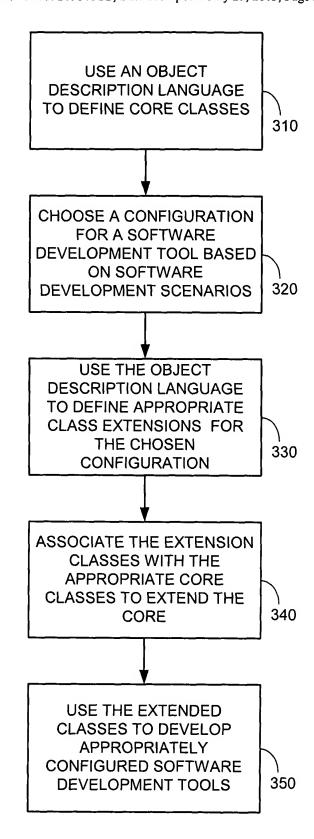


FIG. 4A

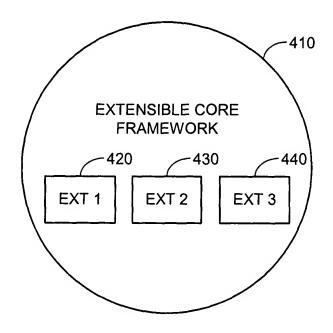


FIG. 4B

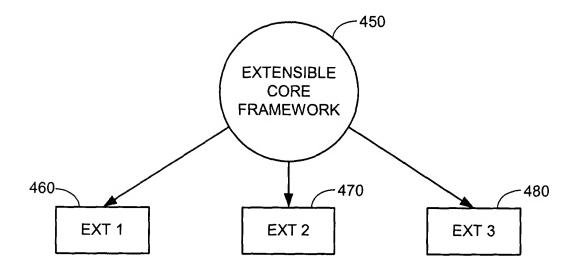
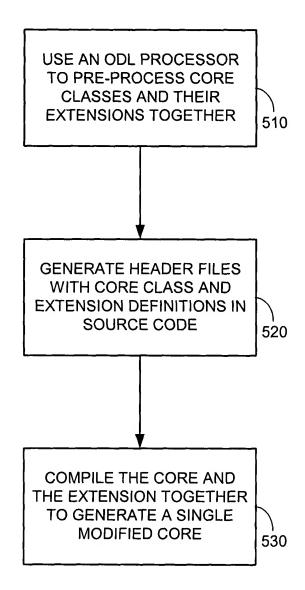
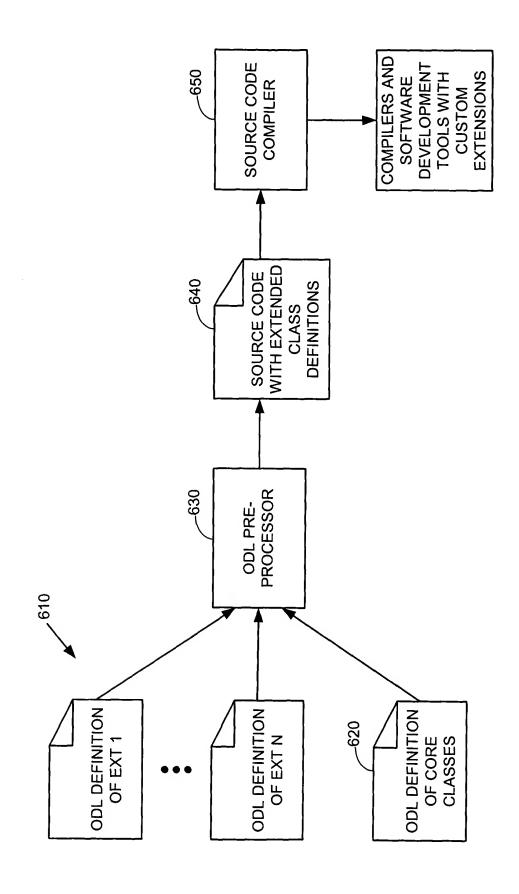


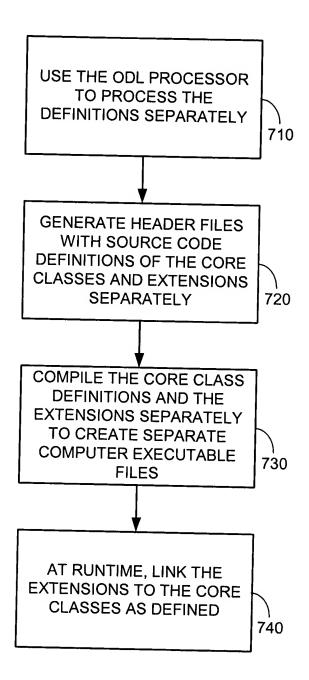
FIG. 5



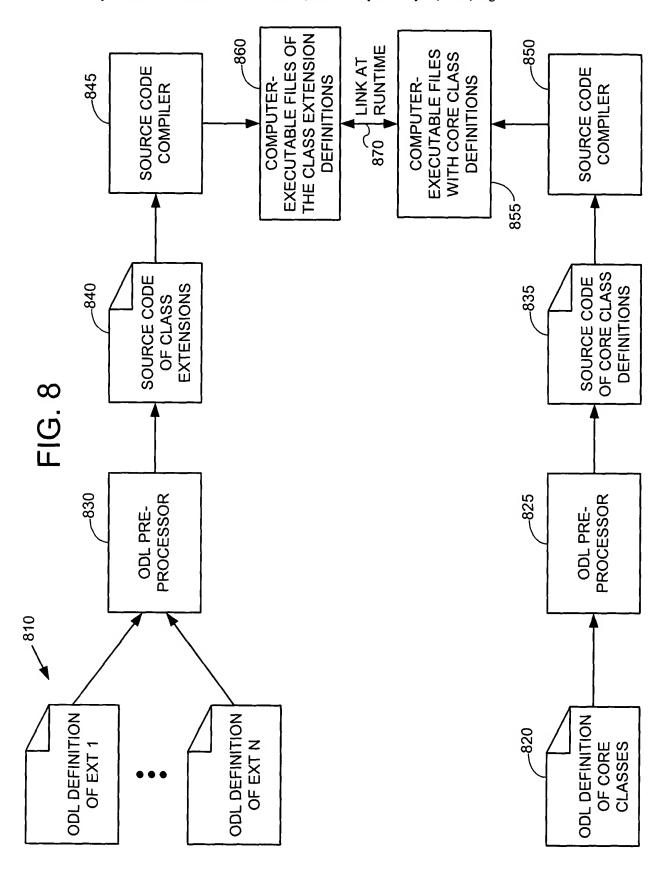


<u>.</u>

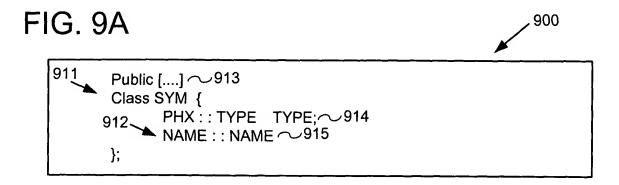
FIG. 7



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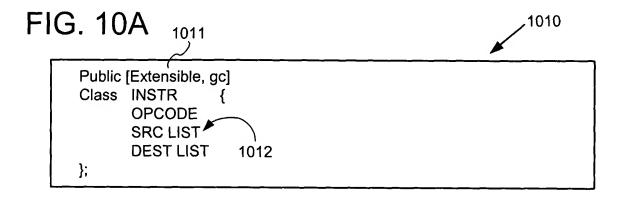


```
FIG. 9B
927
928

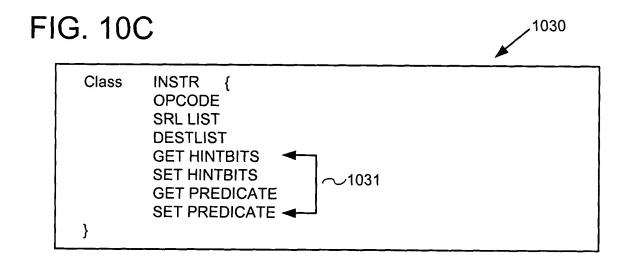
Extend class SYM [JIT]
Class JITSYM
JIT RELATED EXTENSION 926
}
Extend class SYM [IA-64]
Class IA-64SYM {
IA-64 RELATED EXTENSION; 931
}
```

```
Public
Class SYM
PHX:: TYPE TYPE; ~914
NAME:: NAME; ~915
JIT RELATED EXTENSION; ~926
IA-64 TARGET RELATED EXTENSION; ~931
}
```

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```
Public [gc, IA-64]
Class IA-64INSTR Extends Class INSTR
HINTBITS 1021
PREDICATES 1022
}
```



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FIG. 11A



```
Public [Extensible, gc]
Class INSTR {
    OPCODE
    SRL LIST
    DEST LIST
    Extension Point FOO(); ~1112
```

FIG. 11B

_1120

```
PUBLIC [gc, IA-64]
CLASS IA-64INSTR Extends Class INSTR

HINTBITS ~1121

PREDICATES ~1122

DEFINITION OF FOO ()~1123
};
```

FIG. 12

